GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:2475
ANSWERED ON:16.03.2017
Sources of Power Generation
Hegde Shri Anant Kumar Dattatreya

Will the Minister of POWER be pleased to state:

(a) whether approximately six sources are utilised to generate power in the country;

(b) if so, the facts in this regard and the sources currently being used in the country to generate power;

(c) whether the Government has taken any estimate of the annual average quantum of electricity generated from each source;

(d) if so, the quantum of electricity generated from each source during the year 2016; and

(e) the average cost of generation of electricity from each source during the years 2014, 2015 and 2016?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : Approximately six sources are utilized to generate power in the country through Conventional sources and five sources of energy are being used for Renewable energy generation. The sources currently being used in the country to generate power from conventional resources are coal, water, natural gas, nuclear, lignite and diesel and sources for renewables are wind, solar, biomass, bagasse and waste to energy (Municipal and Industrial waste).

(c) & (d) : The estimate of the annual average quantum of electricity generated and the quantum of actual generation from each Conventional source during the years 2015-16 and 2016-17 (up to Feb.'17) are given at Annex-I. The quantum of electricity actually generated from each Renewable source during the years 2015-16 and 2016-17 (up to Jan.'17) are given at Annex-II.

(e) : The estimated value of weighted average cost of generation (rate of sale of power) from the year 2013-14 to 2015-16 is given at Annex-III.

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